

Patent claims

1. A use of a glass ceramic containing from 0 to less than 4 % by weight of P₂O₅ and/or from 0 to less than 8 % by weight of CaO as a part of a lamp screening off UV light.
2. The use according to claim 1, wherein the lamp is selected from a temperature radiator, a high pressure or low pressure discharge lamp.
3. The use according to one of claims 1 or 2, wherein the glass ceramic is present in the form of a tube.
4. The use according to one or more of claims 1 to 3, wherein the glass ceramic is used in the form of a minimized tube for background lighting in flat screens.
5. The use according to one or more of claims 1 to 4, wherein the glass ceramic is a lamp vessel and facilitates a hermetically proof crossing from the glass ceramic to an electrical passage.
6. The use according to one or more of claims 1 to 5, wherein the glass ceramic withstands a lamp operation temperature of higher than 800°C.
7. The use according to one or more of claims 1 to 6, wherein the glass ceramic at a layer thickness of 0.3 mm has a UV blockage at wave lengths of smaller than or equal to 265 nm.
8. The use according to one or more of claims 1 to 7, wherein the glass ceramic at a layer thickness of 0.3 mm has a transmission in the visible wave length range of higher than 75 %.
9. The use according to one or more of claims 1 to 8, wherein the glass ceramic is solarisation stable.

10. The use according to one or more of claims 1 to 9, wherein the expansion coefficient of the glass ceramic is less than $6 \times 10^{-6}/^{\circ}\text{K}$.
11. The use according to one or more of claims 1 to 10, wherein the glass ceramic is especially used as outside bulb of a high pressure metal halide lamp with aluminium oxide ceramic or silica glass burner.